LOOP INSTALLATION PROCEDURE

1. Cut slots in pavement to 3 in minimum depth.
2. Clean and dry slots with dry, compressed air.
3. Use continuous length of 7/0.51, 2x2.5, 4x1, 6x1, or 8x1 wire of the proper size. Divide loop wire into two ends and attach the other end to the signal base. Loop wire shall be 18/.05 2X2.5.
4. Saw cut wire to length and install non-metallic conduit to push wire into slots. Do not coil leads.
5. Connect detection and test loop.
6. Seal slots as specified.

Vehicle Detector Loop Saw Cut Details

For use with wire, tubing, or conduit loop detector wire.
NOTES

1. ALL BOXES, BOX COVERS AND DIMENSIONS SHALL BE MADE OF FIBERGLASS. REINFORCED PULTRUDED CONCRETE BOXES SHALL BE CERTIFIED BY A U.S. EPA NATIONALLY-ACKNOWLEDGED INDEPENDENT TESTING LABORATORY AS MEETING ALL TEST PROVISIONS OF THE APPROPRIATE SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY. (For testing, certification documents shall be submitted with material samples.) The box shall have a detachable cover with a weather-resistant surface and have the words "WET LOCATION" or "WET AREA" cast into the surface. The words shall not be accepted without showing the T22 rating must be indicated on the inside and outside of the box and on the cover face of the cover. The cover shall be attached to the box with a minimum of 4 metal conduit holes. Steel or metal cover bolts are required, and the cover shall be held in the opening of the box.

2. ALL BOXES SHALL BE RATED FOR A MINIMUM PULL OF 2200 Pounds.

3. TYPE 1 AND 2 BOX COVERS SHALL BE A TWO-PIECE COVER.

4. MAGNETIC CHARGE TESTS SHOULD BE PERFORMED IN ACCORDANCE WITH THE LATEST AND/AFTER 79 SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY, T22 RATING.

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STANDARD PULL BOXES

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Computer File Information

Sheet Revisions

STANDARD PLAN NO.

S-614-43

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Traffic Loop and Miscellaneous Signal Details

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